

Substitute for form 1449A/PTO				Complete if Known	
				Application Number	To Be Assigned
				Filing Date	Concurrent Herewith
				First Named Inventor	Bentley et al.
				Group Art Unit	
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	034848/268660

#### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
<i>RS</i>	1	5,932,462		Harris et al.	08/03/1999	
	2	5,681,811		Ekwuribe	10/28/1997	
	3	6,024,977		Yatvin et al.	02/2000	
	4	4,179,337		Davis et al.	12/18/1979	
	5	4,462,941		Lee et al.	07/31/1984	
	6	4,468,383		Rodbard et al.	08/28/1984	
	7	4,684,624		Hosobuchi et al.	08/04/1987	
	8	4,902,505		Pardridge et al.	02/20/1990	
	9	5,017,689		Hruby et al.	05/21/1991	
	10	5,326,751		Haaseth et al.	07/05/1994	
	11	5,442,043		Fukuta et al.	08/15/1995	
	12	5,629,384		Veronese et al.	05/13/1997	
	13	5,631,322		Veronese et al.	05/20/1997	
	14	5,833,988		Friden	11/10/1998	
<i>AS</i>	15	5,932,462		Harris et al.	08/03/1999	

#### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>			
<i>RS</i>	16	WO	95/00162	A	Enzon, Inc.	01/05/1995	
<i>RS</i>	17	WO	91/16929	A	Novo Nordisk	11/14/1991	
<i>RS</i>	18	WO	00/78302	A1	Protein Delivery, Inc.	12/28/2000	
<i>RS</i>	19	WO	01/12230	A1	Park et al.	02/22/2001	

Examiner Signature  Date Considered 8/2/06

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<sup>1</sup> Unique citation designation number.

<sup>2</sup> See attached Kinds of U.S. Patent Documents.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>6</sup> Applicant is to place an "X" here if English language Translation is attached.

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<sup>7</sup> Unique citation designation number.

<sup>8</sup> See attached Kinds of U.S. Patent Documents.

<sup>9</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>10</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

**11 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible**

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### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	25	Witt et al., "Pharmacodynamic and Pharmacokinetic Characterization of Poly(Ethylene Glycol) Conjugation of Met-Enkephalin Analog [D-Pen <sup>2</sup> , D-Pen <sup>5</sup> ]-enkephalin (DPDPE)," <i>Journal of Pharmacology and Experimental Therapeutics</i> , vol. 298, no. 2, August, 2001; pages 848-856	
	26	Kurihara, A. et al., "Epidermal Growth Factor Radiopharmaceuticals: 111In Chelation, Conjugation to a Blood Brain Barrier Delivery Vector via a Biotin-Polyethylene Linker,...", <i>Bioconjugate Chem.</i> , vol. 10, pp. 502-511, May 17, 1995	
	27	Patel D. et al., "Peptide Targetting and Delivery across the Blood-Brain Barrier Utilizing Synthetic Triglyceride Esters: Design, Synthesis and Bioactivity," <i>Bioconjugate Chem.</i> , vol. 8, pp. 434-441 (1997)	
	28	Pardridge, "Physiologic-bases strategies for protein drug delivery to the brain," <i>Journal of Controlled Release</i> , 39 pp. 281-286 (1996)	
	29	Brownlees et al., "Peptidases, Peptides, and the Mammalian Blood-Brain Barrier," <i>Journal of Neurochemistry</i> , Vol. 60, No. 3, pp. 793-803 (1993)	
	30	Friden, "Utilization of an endogenous cellular transport system for the delivery of therapeutics across the blood-brain barrier," <i>Journal of Controlled Release</i> , 46, pp. 117-128 (1996)	
	31	Pardridge et al., "Combined Use of Carboxyl-Directed Protein Pegylation and Vector-Mediated Blood-Brain Barrier Drug Delivery System Optimizes Brain Uptake of Brain-Derived Neurotrophic Factor Following Intravenous Administration," <i>Pharmaceutical Research</i> , Vol. 15, No. 4, pp. 576-582 (1998)	
	32	Kawasaki et al., "Amino Acids and Peptides. XIX. Preparation of Enkephalin-Poly(Ethylene Glycol) Hybrid and Evaluation of Its Analgesic Activity," <i>Chem Pharm Bull.</i> , 41(11) pp 2053-2054 (1993)	
	33	Maeda et al., "Amino Acids and Peptides. XXII. Preparation and Antinociceptive Effect of [D-Ala <sup>2</sup> ]Leu-Enkephalin-Poly(Ethylene Glycol) Hybrid," <i>Chem Pharm Bull.</i> , 17(6) pp 823-825 (1994)	
	34	Williams et al., "Passage of a δ-Opioid Receptor Selective Enkephalin, [D-Penicillamine <sup>2,5</sup> ] Enkephalin, Across the Blood-Brain and the Blood-Cerebrospinal Fluid Barriers," <i>J of Neurochemistry</i> , vol. 66, No. 3, pp. 1289-1299 (1996)	
	35	Zalipsky, "Chemistry of polyethylene glycol conjugates with biologically active molecules," <i>Advanced Drug Delivery Review</i> , 16, pp. 157-182 (1995)	
	36	Zalipsky et al., "Copolymers of Lysine and Polyethylene Glycol: A New Family of Functionalized Drug Carriers," <i>Bioconjugate Chem.</i> , Vol. 4, No. 1, pp. 54-62 (1993)	
	37	Hruby et al., "Recent Developments in the Design of Receptor Specific Opioid Peptides," <i>Medicinal Research Review</i> , Vol. 9, No. 3, pp. 343-401 (1989)	

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